

FORM PTO-1390 (REV 10-2000)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 6400-32WOUS
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/088789
INTERNATIONAL APPLICATION NO. PCT/DE00/03179	INTERNATIONAL FILING DATE 13 September 2000		PRIORITY DATE CLAIMED 24 September 1999	
TITLE OF INVENTION TERMINAL FOR PROCESSING FORMS				
APPLICANT(S) FOR DO/EO/US Günter Baitz et al.				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(1)). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 				
Items 11 to 16 below concern document(s) or information included:				
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input checked="" type="checkbox"/> Other items or information: Form PCT/IB/308 				
<small>"EXPRESS MAIL" MAILING LABEL NUMBER <u>EL 88994525 US</u> DATE OF DEPOSIT <u>3-21-02</u></small> <p>I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231.</p> <p><u>Andrea R. Rivera</u> (TYPED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE)</p> <p><u>Andrea R. Rivera</u> (SIGNATURE OF PERSON MAILING PAPER OR FEE)</p>				

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
PCT/DE00/03179

ATTORNEY'S DOCKET NUMBER
6400-32WOUS

17. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1040.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO. \$890.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 890.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	9 - 20 =	0	X \$18.00	\$
Independent claims	1 - 3 =	0	X \$84.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$

TOTAL OF ABOVE CALCULATIONS = \$ 890.00

Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

\$

SUBTOTAL = \$ 890.00

Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE = \$ 890.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

\$ 40.00

TOTAL FEES ENCLOSED = \$ 930.00

Amount to be refunded:	\$
charged:	\$

a. A check in the amount of \$ 930.00 to cover the above fees is enclosed.

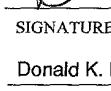
b. Please charge my Deposit Account No. 13-0235 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-0235. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Donald K. Huber
McCormick, Paulding & Huber LLP
CityPlace II
185 Asylum Street
Hartford, CT 06103-3402
(860) 549-5290


SIGNATURE:

Donald K. Huber March 21, 2002

NAME

18,686

REGISTRATION NUMBER

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

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10/088789
JC13 Rsrc/P-1/P-1 21 MAR 2002

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Ana R. Rivera
(TYPED OR PRINTED NAME OF PERSON MAILING
PAPER OR FEE)

Ana R. R.
(SIGNATURE OF PERSON MAILING PAPER OR FEE)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of)
Günter Baitz et al.)
on TERMINAL FOR PROCESSING)
FORMS)
Serial No.: National Stage Entry of)
Int'l Appln. No. : PCT/DE00/03179)
International Filing Date: 13 September 2000)
Filed: Simultaneously herewith) (Our Docket No. 6400-32WOUS)

Hartford, Connecticut, March 21, 2002

Box PCT
Assistant Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

S I R:

Prior to examination on the merits, please amend the above-identified application as follows with reference to the English Translation of the International Application, filed simultaneously herewith:

In the claims:

20150203233037

Please amend claims 4-5, and 8-9 to read as follows:

4. (Amended) The terminal (10) as claimed in claim 2, having an at least partly hollow plate (15) which is arranged on the rear part (14') of the foot part and in which the at least one pull-out rail (34) is accommodated by the plate (15) when the document reader (20) is displaced in the direction of the loadbearing part (16).

5. (Amended) The terminal (10, 110) as claimed in claim 1, in which the electronic box (22, 122) is set up on or fixed to the plate (15) or - as viewed from the operator side - a section (14') of the area of the foot part which is located behind the loadbearing part.

8. (Amended) The terminal (10, 110) as claimed in claim 1, in which an electric line (62, 60) connecting the electronic box (22) to the document reader (20) and/or an electric line (62, 60) connecting to the visual display unit (18) is led through the day part (16) or else additionally through the plate (15), forming a pull-out loop (64).

9. (Amended) The terminal (110) as claimed in claim 1 whose visual display unit (118) can be displaced laterally or pivoted laterally on the loadbearing part (116).

REMARKS

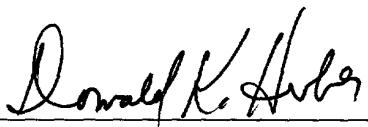
The above amendments are being made to remove multiple dependencies from its claims.

Attached hereto is a marked-up version of the changes made to the claims. The attached page is captioned "Version with markings to show changes made."

Should the Examiner have any questions regarding the present application, Applicant respectfully requests that the Examiner contact Applicant's representative at the phone number listed below. While Applicant believes no fees are due with the filing of this amendment, please charge any deficiencies in fees associated with this filing to our Deposit Account No. 13-0235.

Respectfully submitted,

By



Donald K. Huber
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Attorney for Applicants

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Hartford, Connecticut 06103-3402
(860) 549-5290

Version with markings to show changes made

In the claims:

4. (Amended) The terminal (10) as claimed in claim 2[or 3], having an at least partly hollow plate (15) which is arranged on the rear part (14') of the foot part and in which the at least one pull-out rail (34) is accommodated by the plate (15) when the document reader (20) is displaced in the direction of the loadbearing part (16).

5. (Amended) The terminal (10, 110) as claimed in [one of the preceding claims] claim 1, in which the electronic box (22, 122) is set up on or fixed to the plate (15) or - as viewed from the operator side - a section (14') of the area of the foot part which is located behind the loadbearing part.

8. (Amended) The terminal (10, 110) as claimed in [at least one of the preceding claims] claim 1, in which an electric line (62, 60) connecting the electronic box (22) to the document reader (20) and/or an electric line (62, 60) connecting to the visual display unit (18) is led through the day part (16) or else additionally through the plate (15), forming a pull-out loop (64).

9. (Amended) The terminal (110) as claimed in [one of the preceding claims] claim 1 whose visual display unit (118) can be displaced laterally or pivoted laterally on the loadbearing part (116).

U. S. National Stage Entry of Int'l. Appln. No. PCT/DE00/03179

Attorney Docket No. 6400-32WOUS

(99P6249P)

**ENGLISH TRANSLATION OF THE INTERNATIONAL APPLICATION AS
FILED**

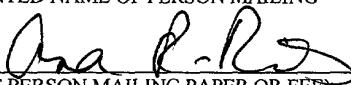
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Ana R. Rivera
(TYPED OR PRINTED NAME OF PERSON MAILING
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3/PK

ENGLISH SUMMARY

German Utility Model Registration No. G 87-11-758.4

Registered: October 15, 1987

SELF SERVICE BANK TERMINAL

A self service bank terminal is constructed so as to be usable by sitting and standing customers, so as to take up little floor surface, and so that several terminals can be placed side-by-side with the display screen of one terminal being not viewable by customers at other of the terminals. The terminal has a housing 10 with two rectangular side walls 23, 123 connected by an upper cover plate 24, a rear wall 25, a front plate 27 and a bottom plate 26, which includes the bottom plate having a supporting surface for engaging a supporting floor, or the bottom plate 22 having a supporting column 21, with the cover plate being horizontal or slightly sloped. The display screen is located on a pulpit shaped portion 124 of the cover plate, has associated with it blinder shields 41 on three of its sides, and is slightly inclined. Also included in the terminal are a keyboard 52, a check examining device 53, and a printer drawer 30.

99P6249

3/P/17

Terminal for processing forms

Technical field

5 The invention relates to a terminal for processing forms, in particular betting slips.

Prior art

10 A terminal of the aforementioned type is offered and marketed by the applicant under the designation "XION" and, in side view, has approximately the shape of a semi-ellipse inclined rearward. A slot-like feed opening for documents is arranged on the vertex of the
15 semi-ellipse. On the operator side, underneath the feed opening, there is a visual display unit inclined rearward in the manner of a desk and having a touch-sensitive input surface and, under the latter, a receiving compartment for documents which have passed
20 through a document reader incorporated in the terminal behind the visual display unit. Underneath the receiving compartment, the operating side of a PC-based control device is always accessible.

25 The aforementioned terminal has various disadvantages: In order to insert a document into the feed opening, it is necessary to reach over the visual display unit. As a result, the operation of the terminal is made more difficult, in particular for small persons.
30 In the case of a document jam, the visual display unit must be disassembled.

35 The operating side of the control device, and therefore its operating elements are not protected against unauthorized access.

WO 9841073 A1 discloses a device having a first mounting rack and a further mounting rack that can be coupled thereto. The further mounting rack is designed as a peripheral top unit and is fixed to the mounting rack in a detachable and swiveling manner.

The object of the invention is to propose a terminal of the aforementioned type which is simple to operate, to install and to maintain and whose operating elements, 10 to be operated only by operating staff, are protected against unauthorized access.

The object is achieved by the features of claim 1.

15 Summary of the invention

The invention is based on the finding that a terminal for processing forms can be operated particularly simply when at least the components to be operated 20 regularly are located close beside one another on a circular arc about the shoulder joint of an operator. In the case of a terminal of the aforementioned type, these are the document feed opening and the touch-sensitive input surface of the visual display unit, but 25 in the further sense also the operating elements of the electronic box. According to the invention, for this purpose a stand having a foot part and a loadbearing part projecting approximately perpendicularly from the latter is provided to hold the visual display unit, and 30 the document reader is arranged on an operator side of the terminal, underneath the visual display unit. For simple installation and maintenance of the hardware and software of the terminal, the document reader can be displaced in the direction of an operator between a 35 position

in which it rests on the loadbearing part and a position at a distance from the latter.

5 The document reader is preferably fixed to at least one pull-out rail, which is mounted so that it can slide on the stand.

10 As an alternative to this, the document reader can be fixed to a document reader wall, which substantially covers the operator side of the loadbearing part when the document reader is resting on the latter and is fixed to at least one pull-out rail, which in turn is mounted such that it can slide on the stand.

15 According to a preferred embodiment of the invention, an at least partly hollow plate is arranged on the foot part, and during displacement of the document reader in the direction of the loadbearing part, the at least one pull-out rail is accommodated by the plate.

20 The electronic box is preferably set up or fixed on the plate or a part of the area of the foot part which - as seen from the operator side - is located behind the loadbearing part. In this case, the electronic box is 25 arranged on the foot part in such a way that its operating side rests on the loadbearing part, the loadbearing part being provided with at least one section which leaves the operating elements of the electronic box free. Then, when the document reader is 30 resting on the loadbearing part, the operating side is then covered by said document reader or the document reader wall and is therefore removed from unauthorized access. In the position at a distance from the loadbearing part, the operating side of the electronic 35 box is exposed for access to the operating elements.

In order to improve the access protection still further, in a preferred development of the invention the loadbearing part is designed in the manner of a frame, the frame reaching around at least one region of 5 the electronic box close to its operating side.

An electric line connecting the electronic box to the document reader and/or to the visual display unit may be led through the loadbearing part or else 10 additionally through the plate, forming a pull-out loop.

Behind the visual display unit, a document printer may be set up on the electronic box. In order to be able to 15 grip sales receipts printed by the latter from the operator side of the terminal, according to a development of the invention the visual display unit can be displaced laterally or pivoted laterally on the loadbearing part.

20 In the following text, two exemplary embodiments of the invention will be explained by using the appended drawings.

25 Brief description of the drawings

Fig. 1 shows a first exemplary embodiment of a terminal for processing forms in a perspective side view,

30 Fig. 2 shows the terminal from Fig. 1 with a document reader at a distance from the loadbearing part,

35 Fig. 3 shows the terminal from Fig. 1 in a perspective rear view,

Fig. 4 shows a second exemplary embodiment of a terminal for processing forms in a perspective side view,

5 Fig. 5 shows the terminal from Fig. 4 in a perspective front view,

Fig. 6 shows the terminal from Fig. 4 in a perspective rear view.

10

Description of one embodiment of the invention

Fig. 1 shows a first exemplary embodiment of a terminal 10 for processing forms or documents 26, in a perspective side view. It comprises a stand 12 having a foot part 14, 14' and a loadbearing part 16, a visual display unit 18 having a touch-sensitive input surface, a touch screen, as it is known, a document reader 20 and an electronic box 22, in which a terminal control device is accommodated. At the top, the document reader 20 has a feed opening 24 for documents 26 to be processed and, at the bottom, a receiving compartment 28 for documents which have passed through the document reader 20.

25

The document reader 20 is fitted to the upper edge of a document reader wall 30, on the operator side 32 of the latter. From the right-hand and left-hand lower corner of the rear side of the document reader wall 30, in each case a sliding rail 34 projects perpendicularly (only the right-hand sliding rail can be seen in Fig. 2). The sliding rails 34 are mounted, in a manner which is known and therefore not illustrated, so that they can slide in a hollow plate 15 arranged behind the loadbearing part 16

on the rear foot part 14', in such a way that the document reader wall 30 can be displaced in the direction of an operator between a position (Fig. 1) resting on the loadbearing part 16 and a position 5 (Fig. 2) at a distance from the latter. The document reader wall 30 substantially covers the operator side 36 of the loadbearing part 16 when it is in its position resting on the latter.

10 The electronic box 22 is arranged on the plate 15 in such a way that its operating side 38 faces the loadbearing part 16. In the region of the operating side 38 of the electronic box 22, the loadbearing part 16 is provided with a cutout 40 which leaves operating 15 elements - for example an "on" pushbutton 42 and a data medium reader 42' - belonging to the electronic box 22 and arranged on the operating side 38 free for access. A cable lead-through 44 in the loadbearing part 16 opens in the cavity in the plate 15.

20 Fig. 3 shows the terminal 10 in a perspective rear view. In this, it can be seen that the loadbearing part 16 is constructed in the manner of a frame with upper and lateral frame parts 46, 48, 48' pointing away from 25 its operator side 36. The holding space 50 bounded by the frame parts 46, 48, 48' and the rear foot part 14' is dimensioned such that it is able to accommodate the region of the electronic box 22 and of the plate 15 that is close to the operating side 38 with a slight 30 lateral spacing.

From the upper frame part 46, a bush 52 projects upward in order to hold a shaft 54 fitted to the bottom of the visual display unit 18. The shaft 54 ends in a tilting 35 joint 58 which is arranged in the lower region of the visual display unit housing 56

and which permits the angle of inclination of the visual display unit 18 to be adjusted with respect to the loadbearing part 16.

5 Fig. 2 shows the document reader wall 30 in a position at a distance from the loadbearing part 12. As a result, a marshalling space 58 between the two becomes free for an electric line 60 that connects the electronic box 22 to the visual display unit 18 and a
10 second electric line 62 that connects the electronic box 22 to the document reader 20. The latter line is inserted into the plate 15 while forming a pull-out loop 64. Both lines 60, 62 lead through the plate 15 to a cable connection space 66 belonging to the electronic
15 box 22, which is covered by a removable cover 68.

For the purpose of installation of the terminal 10, the document reader wall 30 is moved into the position illustrated in Fig. 2 and at a distance from the loadbearing part 12. The lines 60, 62 are then threaded in and connected to the electronic box 22 and to the visual display unit 18 and to the document reader 20. Then, the "on" pushbutton 42 is operated and a data medium (not illustrated) is inserted into the data
25 medium reader 42'. Then, or at the latest following the reading and the removal of the data medium, the document reader wall 30 is moved into the position illustrated in Fig. 1 and resting on the loadbearing part 12; the terminal 10 is ready to operate.

30 If a document 26, for example a betting slip or a lottery slip, is then inserted into the feed opening 24, then it will be read by the document reader 20 and deposited in the receiving compartment 28. The
35 information read, the marked lottery numbers in the example, will be displayed on the visual display unit 18.

Any inputs, for example a confirmation, calling up an amount to be charged or paid out, are actuated by touching input fields depicted on the touch screen.

5 Fig. 4 shows a terminal 110 for processing forms according to a second exemplary embodiment of the invention, in a perspective side view. Like the terminal 10 according to the first exemplary embodiment - for which reason identical parts are provided with
10 identical reference symbols - it comprises a stand 112 having a foot part 14, 14' and a loadbearing part 116, a second visual display unit 118 with a touch-sensitive input area, a touch screen, as it is known, a document reader 20 and a second electronic box 122, in which a
15 terminal control device is accommodated. At the top, the document reader 20 has a feed opening 24 for documents to be processed and, at the bottom, a receiving compartment 28 for documents which have passed through the document reader 20. The document reader 20 is fitted to the upper edge of a document reader wall 30, on its operating side 32.

20 The second electronic box 122 is of particular flat design. The second electronic box 122 is equipped with an additional housing 170, corresponding to the device disclosed by WO 9841073 A1, in which a second "on" pushbutton 142 and a second data medium reader 142' are accommodated. The additional housing 170 is detachably and pivotably fixed to the second electronic box 122, specifically in such a way that connecting plugs 174 arranged on the connection side 172 of the second electronic box 122 and intended for cables leading to the visual display unit 118 and to the document reader 20 project into the

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holding space 50 of the stand 12. It is therefore possible to omit a hollow plate for guiding the cables, which is designated by 15 in the case of the terminal 10 according to the first exemplary embodiment. The 5 second "on" pushbutton 142 and the second data medium reader 142' are again associated with the cutout 40 in the loadbearing part 16 (Fig. 2) in the selected arrangement of the additional housing 170.

10 Fig. 4 reveals that the additional housing 170 is significantly narrower than the second electronic box 122. The remaining space on the second electronic box 122 is occupied by a document printer 176, which is able to output a document, for example a sales receipt 15 178, through an output slot 180. The latter is arranged on the upper side of the document printer 176 in such a way that the sales receipt 178 can be gripped both from the operating side and from a customer side of the terminal 110. In order to permit operating personnel to 20 have access to the sales receipt 178, the second visual display unit 118 can be displaced laterally on the upper side 182 of the loadbearing part 116 of the second terminal 110 (Fig. 5).

25 For this purpose, the holding bush 152 bears a retaining projection 184, which is guided in a guide slot 186. The upper side 182 is provided with a cutout 186, in which the holding bush 152 can slide. That part 30 of the section 186 which is left free by the holding bush 152 is covered by an endless thin sheet web which is led around two rotatable transport rollers 190 arranged parallel to the sides of the cutout 186. The cutout 186 is therefore covered in a dust-tight manner in every position of the visual display unit 118.

According to an alternative configuration of the terminal 10, the visual display unit 18 is arranged such that it can be pivoted laterally on the upper frame part 46 of the loadbearing part 16. For this purpose, a hollow swinging arm angled over in the manner of a crank is inserted between the holding bush 52 and the shaft 54 of the visual display unit 18, a first leg of the crank being rotatably mounted in the holding bush 52, and the shaft 54 of the visual display unit 18 being rotatably mounted in the other leg of the crank.

Patent claims

1. A terminal (10, 110) for processing forms (26), in particular betting slips, comprising a document reader (20) with a receiving compartment (28) for documents which have passed through the document reader (20), a visual display unit (18, 118) with a touch-sensitive input area and an electronic box (22, 122) containing a terminal control device,
5 - characterized in that,
- a stand (12, 112) is provided with a foot part (14, 14') and a loadbearing part (16, 116) projecting approximately perpendicularly from the latter to hold the visual display unit (18, 118) and
10 - the document reader (20) can be displaced on a [lacuna] arranged on an operator side of the terminal (10, 110) underneath the visual display unit (18, 118) and, in the direction of an operator, between a position resting on the loadbearing part (16, 116) and a position at a distance from the latter.
15
20
2. The terminal (10) as claimed in claim 1, whose document reader (20) is fixed to at least one pull-out rail which is mounted such that it can slide on the stand (12).
25
3. The terminal (10) as claimed in claim 1, whose document reader (20) is fixed to a document reader wall (30), which substantially covers the operator side (36) of the loadbearing part (16) when the document reader (20) is resting on the latter and is fixed to at least one pull-out rail (34), which in turn is mounted such that it can slide on the stand (12).
30
35

4. The terminal (10) as claimed in claim 2 or 3, having an at least partly hollow plate (15) which is arranged on the rear part (14') of the foot part and in which the at least one pull-out rail (34) is accommodated by the plate (15) when the document reader (20) is displaced in the direction of the loadbearing part (16).

5. The terminal (10, 110) as claimed in one of the preceding claims, in which the electronic box (22, 122) is set up on or fixed to the plate (15) or - as viewed from the operator side - a section (14') of the area of the foot part which is located behind the loadbearing part.

15 6. The terminal (10, 110) as claimed in claim 5, whose electronic box (22, 122) is arranged on the foot part (14') or the plate (15) in such a way that its operating side (38) rests on the loadbearing part (16, 116), the loadbearing part (16) being provided with at least one cutout (40) that leaves the operating elements (42, 42'; 142, 142') of the electronic box (22; 122) free.

25 7. The terminal (10, 110) as claimed in claim 6, whose loadbearing part (16) is constructed in the manner of a frame, the frame reaching around at least one region of the electronic box (22, 122) that is close to its operating side.

30 8. The terminal (10, 110) as claimed in at least one of the preceding claims, in which an electric line (62, 60) connecting the electronic box (22) to the document reader (20) and/or an electric line (62, 60) connecting to the visual display unit (18) is led through the day part (16) or else additionally through the plate (15), forming a pull-out loop (64).

9. The terminal (110) as claimed in one of the preceding claims whose visual display unit (118) can be displaced laterally or pivoted laterally on the loadbearing part (116).

Abstract

Terminal for processing forms

A terminal (10) for processing betting slips in particular, comprising a document reader (20), a visual display unit (18) and an electronic box (22), is characterized by a stand (12) having a foot part (14, 14') and a loadbearing part (16) projecting approximately perpendicularly from the latter to hold the visual display unit (18), the document reader (20) being arranged on an operator side of the terminal (10), underneath the visual display unit (18), and being displaceable in the direction of an operator between a position resting on the loadbearing part (16) and a position at a distance from the latter.

(Fig. 1)

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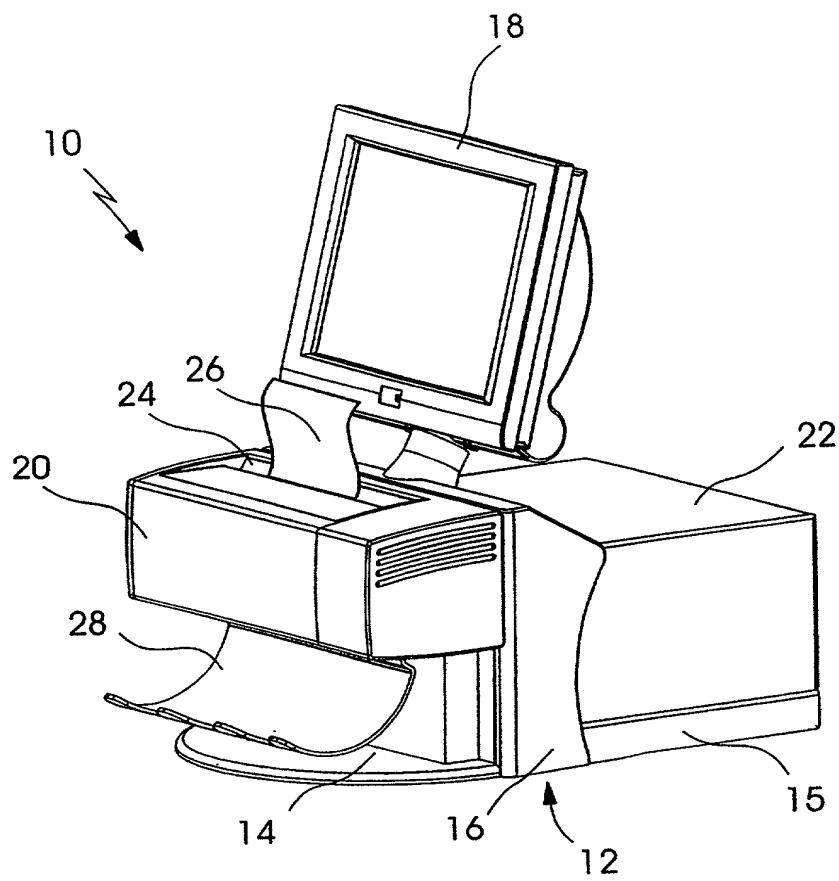


Fig. 1

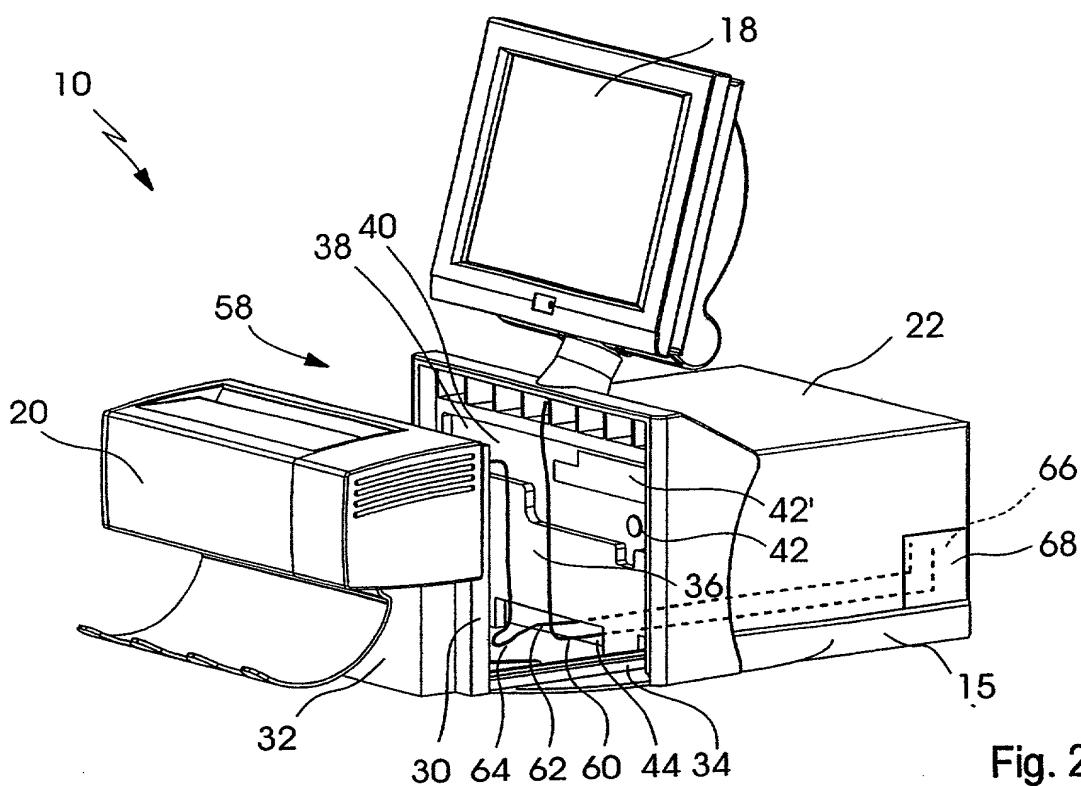


Fig. 2

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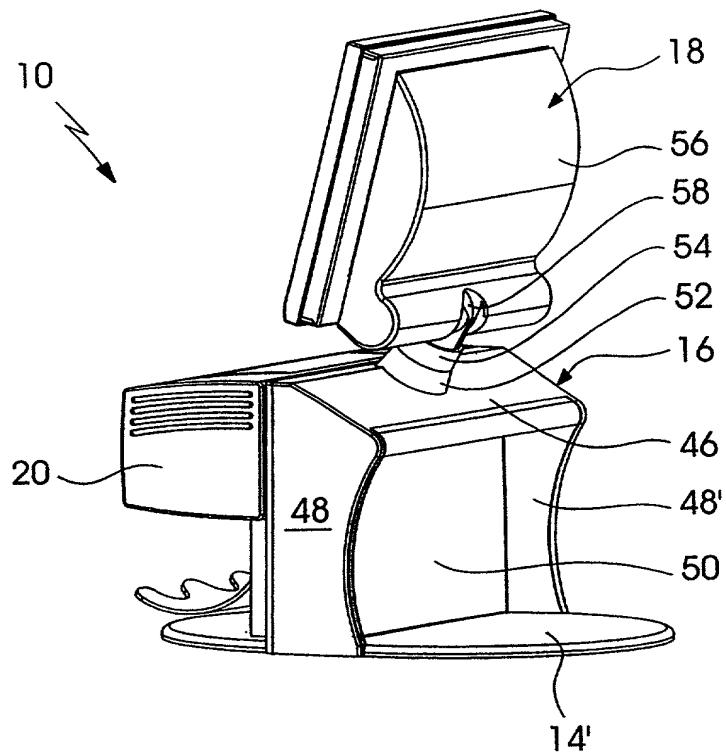


Fig. 3

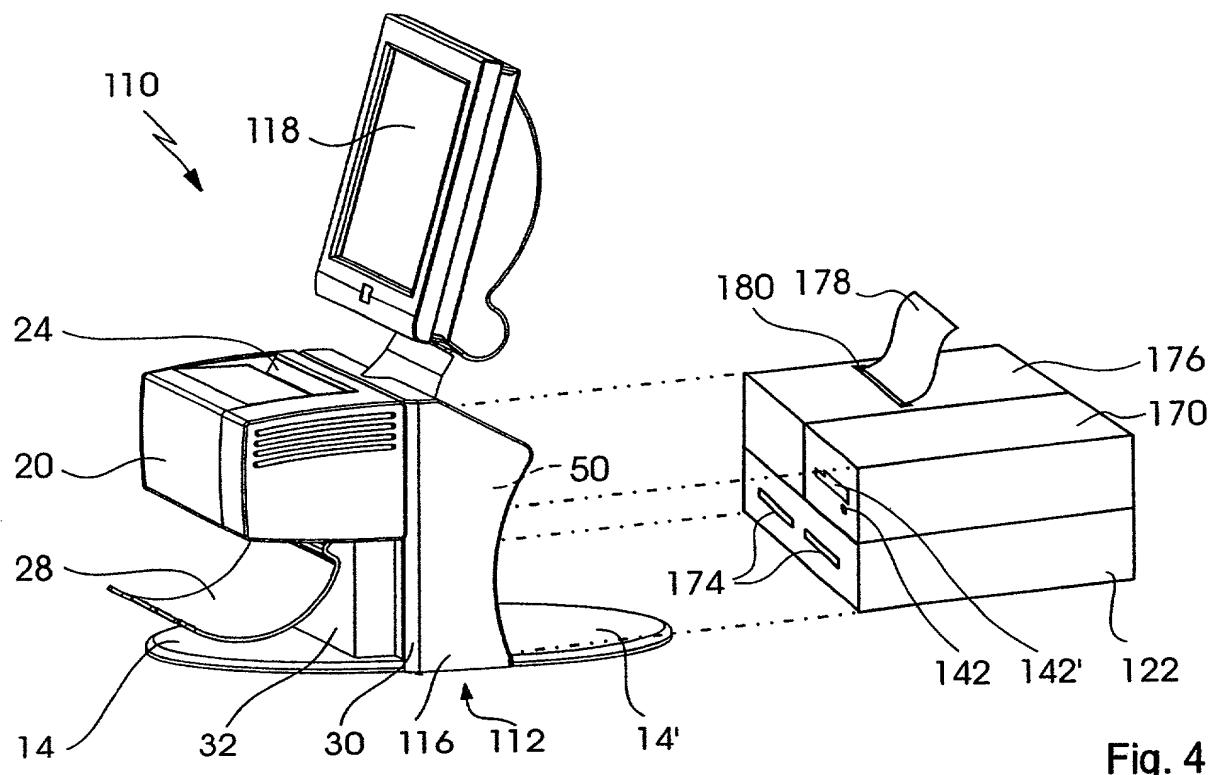


Fig. 4

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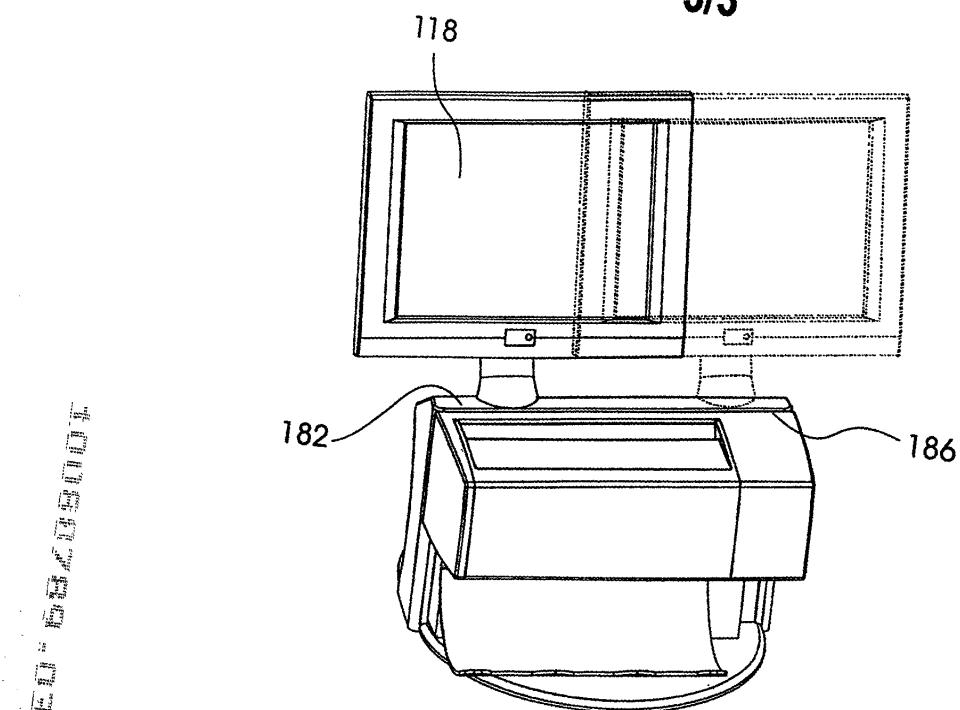


Fig. 5

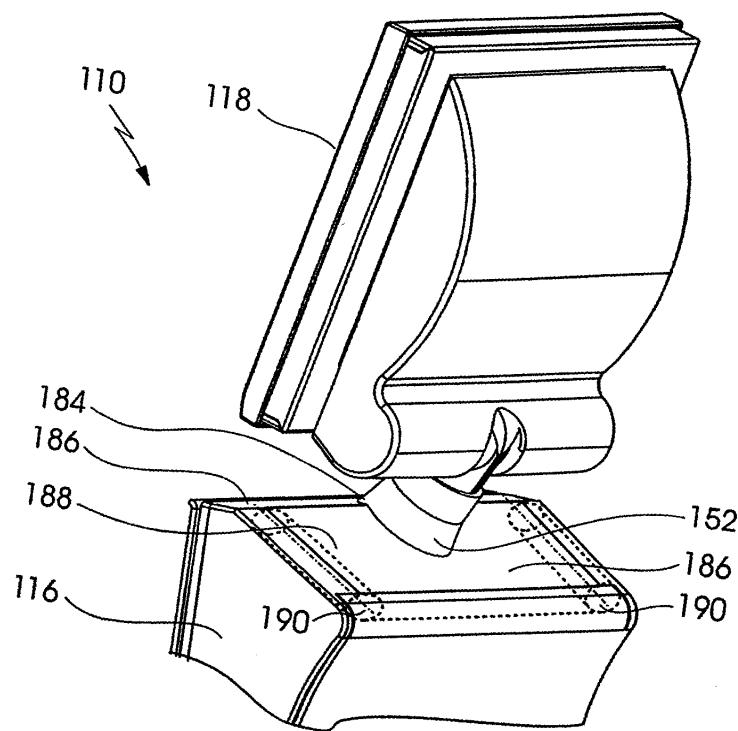


Fig. 6

Declaration and Power of Attorney For Patent Application
Erklärung und Vollmacht für Patentanmeldungen
German Language Declaration

Als nachstehend benannter Erfinder erkläre ich hiermit an Eides Statt:

dass mein Wohnsitz, meine Postanschrift, und meine Staatsangehörigkeit den im Nachstehenden nach meinem Namen aufgeführten Angaben entsprechen,

dass ich, nach bestem Wissen der ursprüngliche, erste und alleinige Erfinder (falls nachstehend nur ein Name angegeben ist) oder ein ursprünglicher, erster und Miterfinder (falls nachstehend mehrere Namen aufgeführt sind) des Gegenstandes bin, für den dieser Antrag gestellt wird und für den ein Patent beantragt wird für die Erfindung mit dem Titel:

Terminal für die Bearbeitung von Formularen

deren Beschreibung

(zutreffendes ankreuzen)

hier beigefügt ist.

am _____ als

PCT internationale Anmeldung

PCT Anmeldungsnummer _____

eingereicht wurde und am _____

abgeändert wurde (falls tatsächlich abgeändert).

Ich bestätige hiermit, dass ich den Inhalt der obigen Patentanmeldung einschließlich der Ansprüche durchgesehen und verstanden habe, die eventuell durch einen Zusatzantrag wie oben erwähnt abgeändert wurde.

Ich erkenne meine Pflicht zur Offenbarung irgendwelcher Informationen, die für die Prüfung der vorliegenden Anmeldung in Einklang mit Absatz 37, Bundesgesetzbuch, Paragraph 1.56(a) von Wichtigkeit sind, an.

Ich beanspruche hiermit ausländische Prioritätsvorteile gemäß Abschnitt 35 der Zivilprozeßordnung der Vereinigten Staaten, Paragraph 119 aller unten angegebenen Auslandsanmeldungen für ein Patent oder eine Erfindersurkunde, und habe auch alle Auslandsanmeldungen für ein Patent oder eine Erfindersurkunde nachstehend gekennzeichnet, die ein Anmelde-datum haben, das vor dem Anmelde-datum der Anmeldung liegt, für die Priorität beansprucht wird.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

the specification of which

(check one)

is attached hereto.

was filed on _____ as

PCT international application

PCT Application No. _____

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

German Language Declaration

Prior foreign applications
Priorität beansprucht

Priority Claimed

<u>19945834.0</u>	<u>Germany</u>	<u>24. September 1999</u>	<input checked="" type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein
(Number)	(Country)	(Day Month Year Filed)		
(Nummer)	(Land)	(Tag Monat Jahr eingereicht)		
<u>(Number)</u>	<u>(Country)</u>	<u>(Day Month Year Filed)</u>	<input type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein
<u>(Nummer)</u>	<u>(Land)</u>	<u>(Tag Monat Jahr eingereicht)</u>		
<u>(Number)</u>	<u>(Country)</u>	<u>(Day Month Year Filed)</u>	<input type="checkbox"/> Yes Ja	<input type="checkbox"/> No Nein
<u>(Nummer)</u>	<u>(Land)</u>	<u>(Tag Monat Jahr eingereicht)</u>		

Ich beanspruche hiermit gemäss Absatz 35 der Zivilprozessordnung der Vereinigten Staaten, Paragraph 120, den Vorzug aller unten aufgeführten Anmeldungen und falls der Gegenstand aus jedem Anspruch dieser Anmeldung nicht in einer früheren amerikanischen Patentanmeldung laut dem ersten Paragraphen des Absatzes 35 der Zivilprozeßordnung der Vereinigten Staaten, Paragraph 122 offenbart ist, erkenne ich gemäss Absatz 37, Bundesgesetzbuch, Paragraph 1.56(a) meine Pflicht zur Offenbarung von Informationen an, die zwischen dem Anmeldedatum der früheren Anmeldung und dem nationalen oder PCT internationalen Anmeldedatum dieser Anmeldung bekannt geworden sind.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §122, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<u>(Application Serial No.)</u> <u>(Anmeldeseriennummer)</u>	<u>(Filing Date)</u> <u>(Anmeldedatum)</u>	<u>(Status)</u> <u>(patentiert, anhängig, aufgegeben)</u>	<u>(Status)</u> <u>(patented, pending, abandoned)</u>
<u>(Application Serial No.)</u> <u>(Anmeldeseriennummer)</u>	<u>(Filing Date)</u> <u>(Anmeldedatum)</u>	<u>(Status)</u> <u>(patentiert, anhängig, aufgegeben)</u>	<u>(Status)</u> <u>(patented, pending, abandoned)</u>

Ich erkläre hiermit, dass alle von mir in der vorliegenden Erklärung gemachten Angaben nach meinem besten Wissen und Gewissen der vollen Wahrheit entsprechen, und dass ich diese eidesstattliche Erklärung in Kenntnis dessen abgebe, dass wissentlich und vorsätzlich falsche Angaben gemäss Paragraph 1001, Absatz 18 der Zivilprozessordnung der Vereinigten Staaten von Amerika mit Geldstrafe belegt und/oder Gefängnis bestraft werden koennen, und dass derartig wissentlich und vorsätzlich falsche Angaben die Gültigkeit der vorliegenden Patentanmeldung oder eines darauf erteilten Patentes gefährden können.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

German Language Declaration

VERTRETUNGSVOLLMACHT: Als benannter Erfinder beauftrage ich hiermit den nachstehend benannten Patentanwalt (oder die nachstehend benannten Patentanwälte) und/oder Patent-Agenten mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Geschäfte vor dem Patent- und Warenzeichenamt: *(Name und Registrationsnummer anführen)*

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Attorneys of the firm of McCormick, Paulding & Huber LLP as shown on the attached list

Telefongespräche bitte richten an:
(Name und Telefonnummer)

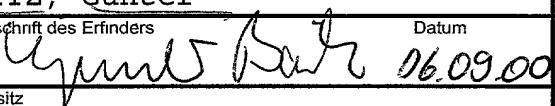
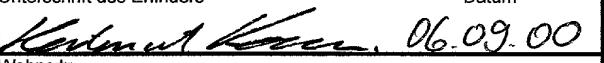
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Unterschrift des Erfinders 	Datum 06.09.00
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Unterschrift des Erfinders	Datum	Inventor's signature	Date
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Staatsangehörigkeit	Citizenship		
Postanschrift	Post Office Address		
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Unterschrift des Erfinders	Datum	Inventor's signature	Date
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Staatsangehörigkeit	Citizenship		
Postanschrift	Post Office Address		
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Unterschrift des Erfinders	Datum	Inventor's signature	Date
Wohnsitz	Residence		
Staatsangehörigkeit	Citizenship		
Postanschrift	Post Office Address		

(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Miterfindern angeben).

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Attachment to: German Langauge Declaration

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